

Yue Deng

List of Publications by Year in descending order

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33
papers

1,706
citations

471061

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395343

33
g-index

34
all docs

34
docs citations

34
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Direct Reinforcement Learning for Financial Signal Representation and Trading. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 653-664.	7.2	442
2	A Hierarchical Fused Fuzzy Deep Neural Network for Data Classification. IEEE Transactions on Fuzzy Systems, 2017, 25, 1006-1012.	6.5	265
3	Scalable analysis of cell-type composition from single-cell transcriptomics using deep recurrent learning. Nature Methods, 2019, 16, 311-314.	9.0	142
4	Cooperative Deep Reinforcement Learning for Large-Scale Traffic Grid Signal Control. IEEE Transactions on Cybernetics, 2020, 50, 2687-2700.	6.2	123
5	Discriminative Clustering and Feature Selection for Brain MRI Segmentation. IEEE Signal Processing Letters, 2015, 22, 573-577.	2.1	108
6	Low-Rank Structure Learning via Nonconvex Heuristic Recovery. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 383-396.	7.2	103
7	Graph Laplace for Occluded Face Completion and Recognition. IEEE Transactions on Image Processing, 2011, 20, 2329-2338.	6.0	72
8	Residual D ² NN: training diffractive deep neural networks via learnable light shortcuts. Optics Letters, 2020, 45, 2688.	1.7	53
9	Deep learning model for ultrafast multifrequency optical property extractions for spatial frequency domain imaging. Optics Letters, 2018, 43, 5669.	1.7	42
10	Noisy Depth Maps Fusion for Multiview Stereo Via Matrix Completion. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 566-582.	7.3	39
11	Sparse Coding-Inspired Optimal Trading System for HFT Industry. IEEE Transactions on Industrial Informatics, 2015, 11, 467-475.	7.2	38
12	Integrative spatial analysis of cell morphologies and transcriptional states with MUSE. Nature Biotechnology, 2022, 40, 1200-1209.	9.4	35
13	Visual Words Assignment Via Information-Theoretic Manifold Embedding. IEEE Transactions on Cybernetics, 2014, 44, 1924-1937.	6.2	26
14	Dynamic non-line-of-sight imaging system based on the optimization of point spread functions. Optics Express, 2021, 29, 32349.	1.7	25
15	Deep and Structured Robust Information Theoretic Learning for Image Analysis. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	22
16	Learning Deep Landmarks for Imbalanced Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2691-2704.	7.2	22
17	Commuter time guided transformation for feature extraction. Computer Vision and Image Understanding, 2012, 116, 473-483.	3.0	18
18	Direct mapping from diffuse reflectance to chromophore concentrations in multi-fx spatial frequency domain imaging (SFDI) with a deep residual network (DRN). Biomedical Optics Express, 2021, 12, 433.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Joint Non-Gaussian Denoising and Superresolving of Raw High Frame Rate Videos. IEEE Transactions on Image Processing, 2014, 23, 1154-1168.	6.0	16
20	Local visual feature fusion via maximum margin multimodal deep neural network. Neurocomputing, 2016, 175, 427-432.	3.5	15
21	Differences Help Recognition: A Probabilistic Interpretation. PLoS ONE, 2013, 8, e63385.	1.1	13
22	Bosco: Boosting Corrections for Genome-Wide Association Studies With Imbalanced Samples. IEEE Transactions on Nanobioscience, 2017, 16, 69-77.	2.2	11
23	Methionine sulfoxide reductase A (MsrA) mediates the ubiquitination of 14-3-3 protein isotypes in brain. Free Radical Biology and Medicine, 2018, 129, 600-607.	1.3	10
24	Robust and accurate transient light transport decomposition via convolutional sparse coding. Optics Letters, 2014, 39, 3177.	1.7	9
25	Information transduction capacity reduces the uncertainties in annotation-free isoform discovery and quantification. Nucleic Acids Research, 2017, 45, e143-e143.	6.5	6
26	Probabilistic natural mapping of gene-level tests for genome-wide association studies. Briefings in Bioinformatics, 2018, 19, 545-553.	3.2	6
27	Spacecraft Relative Trajectory Planning Based on Meta-Learning. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3118-3131.	2.6	6
28	ACID: Association Correction for Imbalanced Data in GWAS. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 316-322.	1.9	5
29	Human-in-the-Loop Low-Shot Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3287-3292.	7.2	5
30	A New Concept of Multiple Neural Networks Structure Using Convex Combination. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4968-4979.	7.2	5
31	Directed Adaptive Graphical Lasso for causality inference. Neurocomputing, 2016, 173, 1989-1994.	3.5	4
32	Gated Value Network for Multilabel Classification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4748-4754.	7.2	1
33	Log-Sum Heuristic Recovery for Automated Isoform Discovery and Abundance Estimation from RNA-Seq data. , 2015, , .		0